



CONSTRUCTION EQUIPMENT

VOLVO A40G 352676 - DROP BOX



Sample No: VCP426675
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP426675	VCP355250	VCP343189	---
Sample Date	05 Sep 2023	08 Jun 2022	21 Oct 2021	---
Machine Hours	4379	2274	991	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	210	287	▲ 50.7	---
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CONTAMINATION

Silicon	ppm	14	13	46	---
Sodium	ppm	2	<1	6	---
Potassium	ppm	2	<1	12	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	94	57	383	---
Copper	ppm	22	<1	▲ 96	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	5	<1	---
Chromium	ppm	1	<1	5	---
Molybdenum	ppm	14	7	26	---
Nickel	ppm	<1	0	2	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	2	9	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	48	70	41	---
Magnesium	ppm	8	22	5	---
Zinc	ppm	83	32	251	---
Phosphorus	ppm	1200	974	2036	---
Barium	ppm	0	0	<1	---
Boron	ppm	129	141	79	---

Depot: VOLVO0090
Unique No: 10642730
Signed: Don Baldrige
Report Date: 13 Sep 2023



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GRAPHS

